

MATH MADNESS # 25

1. Demi used a rule to make the number pattern below.

3, 9, 27, 81

If the pattern continues, what should Demi do to find the next number?

- divide 81 by 3
- divide 3 by 3
- multiply 81 by 3
- multiply 3 by 3

5. If a dime is $\frac{1}{10}$ of a dollar and a penny is $\frac{1}{100}$ of a dollar, what is the value of 3 dimes and 4 pennies?

- $\frac{4}{100}$ of a dollar
- $\frac{32}{100}$ of a dollar
- $\frac{34}{100}$ of a dollar
- $\frac{340}{100}$ of a dollar

2. Which of the following is equal to 30 hundreds?

- 300
- 3,000
- 30,000
- 300,000

6. A bucket of potting soil weighs 4,000 grams. How many kilograms of potting soil are in the bucket if it is half full?

- 1 kilograms
- 2 kilograms
- 6 kilograms
- 8 kilograms




Helpful Hint: 1 kg = 1,000 g

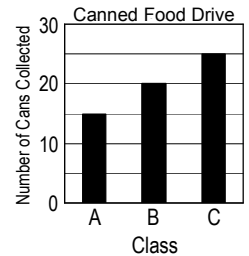
3. Which of the following *best* describes the product of 68 and 6?

- a little less than 400
- a little more than 400
- a little less than 500
- a little more than 500

7. If the pictograph and the bar graph show the same information, how many cans does each symbol (\square) in the pictograph represent?

- 5 cans
- 10 cans
- 15 cans
- 20 cans

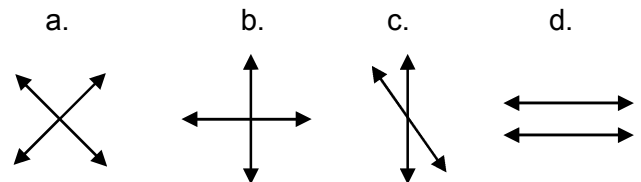
Canned Food Drive	
Class	Number of Cans Collected
A	
B	
C	



4. Debbie has 3 yards of yarn. If she cuts the yarn into pieces that are each $\frac{1}{3}$ of a yard long, how many pieces did she have?

- 9
- 12
- 16
- 18

8. Which of the following shows a pair of parallel lines?



9 & 10 (2 points) Short Answer / Extended Response

Identify the location of A, B, and C on the number line. Next, mark the location of $2\frac{1}{4}$ with a D.

Point A _____

Point B _____

Point C _____

